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*at B'*

IBM Docket No. YOR920020159US1

providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment;

operating said at least one host computer to negotiate a machine interpretable contract between all parties, which would cooperate with a particular application running on said host computer;

uploading said contract into said secure computation environment;

enforcing said contract with regards to all cooperating parties;

receiving a service request from a requestor,

executing secure processing of said service request; and

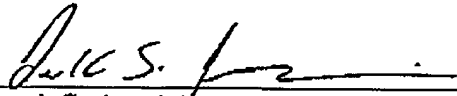
providing notifications as defined in the contract.

REMARKS

Applicants submit the above amended claims 36 – 41 for examination.

Please charge any fee necessary to enter this paper and any previous paper to deposit account 09-0468.

Respectfully submitted,

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Serial No. 10/065,802

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FEB 06 '03 18:56 FR

TO 917037467239 P.05

IBM Docket No. YOR920020159US1

## MARKED UP CHANGES TO THE CLAIMS

36. (Amended) A multiparty electronic service method comprising the steps of:  
providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment;  
operating said at least one host computer [operative] to negotiate a machine interpretable service specification between all parties, which would cooperate with a particular application running on said host computer;  
uploading said service specification into said secure computation environment;  
enforcing said service specification with regards to all cooperating parties;  
receiving a service request from a requestor;  
executing secure processing of said service request; and  
providing notifications as defined in the service specification.

37. (Amended) An identification method for matching individuals, the method comprising the steps of:  
providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment;  
operating said at least one host computer [operative] to negotiate a machine interpretable contract between all parties, which would cooperate with a particular application running on said host computer;  
uploading said contract into said secure computation environment;  
enforcing said contract with regards to all cooperating parties;  
receiving a service request from a requestor;  
executing secure processing of said service request; and  
providing notifications as defined in the contract.

38. (Amended) An article of manufacture for use in a multiparty electronic service, comprising a machine readable medium tangibly embodying a program of instructions executable by a machine for implementing a method, the method comprising steps of:  
providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment;

Serial No. 10/065,802

5

Received from &lt; &gt; at 2/6/03 6:19:05 PM [Eastern Standard Time]

FEB 06 '03 18:57 FR

TO 917037467239 P.06

IBM Docket No. YOR920020159US1

operating said at least one host computer [operative] to negotiate a machine interpretable service specification between all parties, which would cooperate with a particular application running on said host computer;  
uploading said service specification into said secure computation environment;  
enforcing said service specification with regards to all cooperating parties;  
receiving a service request from a requestor;  
executing secure processing of said service request; and  
providing notifications as defined in the service specification.

39. (Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform methods steps for managing a matching identification service, the method comprising the steps of:  
providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment;  
operating said at least one host computer [operative] to negotiate a machine interpretable service specification between all parties, which would cooperate with a particular application running on said host computer;  
uploading said service specification into said secure computation environment;  
enforcing said service specification with regards to all cooperating parties;  
receiving a service request from a requestor;  
executing secure processing of said service request; and  
providing notifications as defined in the service specification.

40. (Amended) An article of manufacture for use in matching individuals, comprising a machine readable medium tangibly embodying a program of instructions executable by a machine for implementing a method, the method comprising steps of:  
providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment;  
operating said at least one host computer [operative] to negotiate a machine interpretable contract between all parties, which would cooperate with a particular application running on said host computer;

Serial No. 10/065,802

6

Received from &lt; &gt; at 2/6/03 6:19:05 PM [Eastern Standard Time]

FEB 06 '03 18:57 FR

TO 917037467239 P.07

IBM Docket No. YOR920020159US1

uploading said contract into said secure computation environment;  
 enforcing said contract with regards to all cooperating parties;  
 receiving a service request from a requestor;  
 executing secure processing of said service request; and  
 providing notifications as defined in the contract.

41. (Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform methods steps for managing a matching identification service, the method comprising the steps of:  
 providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment;  
 operating said at least one host computer [operative] to negotiate a machine interpretable contract between all parties, which would cooperate with a particular application running on said host computer;  
 uploading said contract into said secure computation environment;  
 enforcing said contract with regards to all cooperating parties;  
 receiving a service request from a requestor;  
 executing secure processing of said service request; and  
 providing notifications as defined in the contract.

Serial No. 10/065,802

7

Received from < > at 2/6/03 6:19:05 PM [Eastern Standard Time]

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